

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

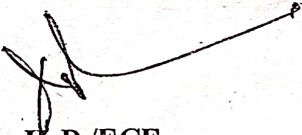
Ref: SCE / ECE /Students / RM / 2023 – 2024 / ODD

18.10.2023

CIRCULAR

In order to address the recent research issues in the field of multi-disciplinary Engineering areas and to overcome such research issues, Department of Electronics and Communication Engineering in association with IQAC of our Institution is planning to conduct one day seminar for the students of II, III and IV year of Civil, ECE, EEE & Mech on the title “**Research on smart electric energy management**” on 20.10.2023. At the end of the programme, participation certificates will be issued to the participants.

Resource Person Details	Mr.P.Manikandan, Manager, Vi-Microsystems.Pvt.Ltd, Chennai-600096	Dr.VijayaRajeswaran, CEO, Vi-Microsystems.Pvt.Ltd, Chennai-600096
Venue	Seminar Hall-ECE	


HoD /ECE


PRINCIPAL

Copyto:

1. Chairman & Secretary for information
2. Principal office
3. IQAC Co-Ordinator
4. Class Incharges - II,III&IV-Year Civil, ECE,EEE & Mech
5. II,III &IV-Year Civil, ECE, EEE & Mech Students
6. Civil , ECE , EEE & Mech Notice Board
7. Department File


Dr.M.VIJAYAKUMAR ME., Ph.D.,
PRINCIPAL
SASURIE COLLEGE OF ENGINEERING,
Vijayamangalam - 638 056, Tirupur (Dt).

SASURIE COLLEGE OF ENGINEERING

Vijayamangalam, Tiruppur.

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai - 600025)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Cordially invites

one day Research Methodology Programme (RM)

On

“Research on smart electric energy management”

Date: 20.10.2023.

Venue: Seminar Hall-ECE

Resource Persons

Mr.P.Manikandan,
Manager
Vi-Microsystems.Pvt.Ltd,
Chennai-600096.

Dr.VijayaRajeswaran,
CEO,
Vi-Microsystems.Pvt.Ltd,
Chennai-600096.

in the esteemed presence of
Dr.M.Vijayakumar
Principal

Shri A.M.Kandaswami
Chairman

Ms. K. Savitha Moganraj
Secretary


Dr.M.VIJAYAKUMAR ME., Ph.D.,
PRINCIPAL

 **SASURIE COLLEGE OF ENGINEERING,**
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

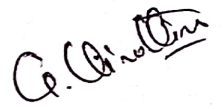
Students Participation List-Research Methodology Programme

“Research on smart electric energy management”

On 20.10.2023

Academic Year: 2023-2024/ODD

S.NO	Register No	Name of the students	Branch/Year
1.	732422106001	Avinash S	II ECE
2.	732422106002	Boopathi S	II ECE
3.	732422106003	Gireesh Krishnan V	II ECE
4.	732422106004	Gunavarshini S	II ECE
5.	732422106005	Harish K	II ECE
6.	732422106006	Janagan M.P	II ECE
7.	732422106007	Kavipriya S	II ECE
8.	732422106008	Mayilsamy K	II ECE
9.	732422106009	Navin P	II ECE
10.	732422106010	Rakesh Kumar Mandal	II ECE
11.	732422106011	Rohini K	II ECE
12.	732422106012	Sevanthipriya S	II ECE
13.	732422106013	Sundar P	II ECE
14.	732422106015	Vigneshkannan G	II ECE
15.	732422106016	Vishwa S	II ECE
16.	732421106001	Gokul.S	III ECE
17.	732421106002	Rokesh.P	III ECE
18.	732421106003	Sabari Jothi.S	III ECE
19.	732422105001	Emee.M	II EEE
20.	732422114001	Manikkavel V	II / MECH
21.	732420114302	Premkumar Y	IV / MECH
22.	732422103001	Dharanidharan K	II CIVIL
23.	732422103002	Vishwa T	II CIVIL


Event Co-ordinator


HoD


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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Students Attendance List-Research Methodology Programme

“Research on smart electric energy management”

On 20.10.2023

Academic Year:2023-2024/ODD

S.NO	Register No	Name of the students	Branch/Year	Signature
1.	732422106001	Avinash S	II ECE	Avinash
2.	732422106002	Boopathi-S	II ECE	Boopathi
3.	732422106003	Gireesh Krishnan V	II ECE	Gireesh
4.	732422106004	Gunavarshini S	II ECE	Gunavarshini S
5.	732422106005	Harish K	II ECE	Harish
6.	732422106006	Janagan M.P	II ECE	Janagan
7.	732422106007	Kavipriya S	II ECE	Kavipriya
8.	732422106008	Mayilsamy K	II ECE	Mayilsamy K
9.	732422106009	Navin P	II ECE	Navin
10.	732422106010	Rakesh Kumar Mandal	II ECE	R. Rakesh
11.	732422106011	Rohini K	II ECE	Rohini
12.	732422106012	Sevanthipriya S	II ECE	Sevanthipriya
13.	732422106013	Sundar P	II ECE	Sundar
14.	732422106015	Vigneshkannan G	II ECE	Vigneshkannan G
15.	732422106016	Vishwa S	II ECE	Vishwa
16.	732421106001	Gokul.S	III ECE	Gokul
17.	732421106002	Rokesh.P	III ECE	Rokesh
18.	732421106003	Sabari Jothi.S	III ECE	Sabari
19.	732422105001	Emee.M	II EEE	Emee
20.	732422114001	Manikkavel V	II / MECH	Manikkavel
21.	732420114302	Premkumar Y	IV / MECH	Premkumar
22.	732422103001	Dharanidharan K	II CIVIL	Dharanidharan
23.	732422103002	Vishwa T	II CIVIL	Vishwa

C. Anitha
Event Co ordinator

[Signature]
HoD

[Signature]
Dr.M.VIJAYAKUMAR ME., Ph.D.,
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Vijayamangalam - 638 056, Tirupur (Dt).

Report on Research Methodology Programme

Title:	Information Theory and Coding Research Methodologies		
Resource Person:	Mrs. Annapoorani, Manager, Trident Techlabs Pvt Ltd, Karnataka-560001	George Anil Dsiva, CEO, Trident Techlabs Pvt Ltd, Karnataka-560001	
Date of conduct ON :	22.03.2024	To:	Duration: 1 Day
Organized by :	ELECTRONICS AND COMMUNICATION ENGINEERING in association with IQAC of our Institution		
Academic Year:	2023 – 2024	Semester:	EVEN
Participant Year:	II, III, IV Year -Civil, ECE, EEE & MECH	No. of Students Participated:	23
Venue:	Seminar Hall-ECE		

Outcome of Research Methodology Programme

At the end of the Research Methodology Programme, Students can be able to

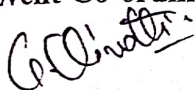
- Develop a comprehensive understanding of the principles and concepts of information theory and coding, including entropy, channel capacity, error correction, and compression algorithms.
- Gain knowledge of advanced research techniques specific to information theory, including mathematical modeling, probability theory, and statistical inference methods.
- Acquire skills to evaluate the performance of information theory and coding schemes, including analyzing error rates, throughput, latency, and complexity.
- Develop analytical proficiency, including proficiency in calculus, probability theory and discrete mathematics.
- Design and execute research projects in information theory and coding.

Glimpse of Research Methodology Programme Photos



Tiruppur, Tamil Nadu, India
Sasurie college of engineering, Tamil Nadu 638052, India
Lat 11.274271°
Long 77.576986°
22/03/24 10:26 AM GMT +05:30

Event Co-ordinator



H&D/ ECE



Principal

Dr. M. VIJAYAKUMAR M.E., Ph.D.,
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SASURIE COLLEGE OF ENGINEERING

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Vijayamangalam, Tiruppur

CERTIFICATE OF PARTICIPATION

This is to Certify that Ms.ROHINI K, II/ECE
has participated in the Research Methodology Program on "Research
on smart electric energy management" conducted by the Department
of Electronics and Communication Engineering in association with
"Vi-Microsystems "and IQAC of Sasurie College of Engineering on
20.10.2023 during the Academic year 2023-2024

R. Ex

IQAC Co-ordinator

Dr. M. V. Jayakumar

Dr.M.VIJAYAKUMAR ME., Ph.D.,

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This is to Certify that Ms. Gunavarshini S, II/ECE has participated in the Research Methodology Program on "Research on smart electric energy management" conducted by the Department of Electronics and Communication Engineering in association with "Vi-Microsystems "and IQAC of Sasurie College of Engineering on 20.10.2023 during the Academic year 2023-2024

N. D. R.
IQAC Co-ordinator

M. V. J.
Dr. M. VIJAYAKUMAR ME., Ph.D.,
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This is to Certify that Ms. ROKESH.P. II/ECE has participated in the Research Methodology Program on "Research on smart electric energy management" conducted by the Department of Electronics and Communication Engineering in association with "Vi-Microsystems" and IQAC of Sasurie College of Engineering on 20.10.2023 during the Academic year 2023-2024.


IQAC Co-ordinator


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CERTIFICATE OF PARTICIPATION

This is to Certify that Ms. VISHWA T. II/CIVIL has participated in the Research Methodology Program on "Research on smart electric energy management" conducted by the Department of Electronics and Communication Engineering in association with "Vi-Microsystems" and IQAC of Sasurie College of Engineering on 20.10.2023 during the Academic year 2023-2024.


IQAC Co-ordinator


Principal

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CERTIFICATE OF PARTICIPATION

This is to Certify that Mr. Sundar P. II/ECE has participated in the Research Methodology Program on "Research on smart electric energy management" conducted by the Department of Electronics and Communication Engineering in association with "Vi-Microsystems" and IQAC of Sasurie College of Engineering on 20.10.2023 during the Academic year 2023-2024.


IQAC Co-ordinator


Principal


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CERTIFICATE OF PARTICIPATION

This is to Certify that Mr. PREMKUMAR Y, IV/MECH has participated in the Research Methodology Program on "Research on smart electric energy management" conducted by the Department of Electronics and Communication Engineering in association with "Vi-Microsystems" and IQAC of Sasurie College of Engineering on 20.10.2023 during the Academic year 2023-2024.


IQAC Co-ordinator


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